Persistent

Datasheet

AutoForge — AI Dynamic Workflow Creator

Accelerate workflow creation with AI-powered intelligence

The Challenge

Organizations across industries struggle with defining, managing, and optimizing dynamic workflows. Business analysts and stakeholders often face bottlenecks when translating workflow requirements into scalable, efficient processes. Traditional dynamic case management solutions are complex, manual, and time-consuming, leading to inefficiencies and increased operational costs.

AutoForge – Dynamic Workflow Creator eliminates these challenges by automating workflow generation and visualization. Designed for enterprises of all sizes, it empowers users with AI-driven workflow creation, real-time insights, and seamless adaptability—all while reducing manual effort and improving efficiency.

Persistent's AutoForge — An AI Dynamic Workflow Creator

Key Features

- **Initial Configuration Screen**: Configure different settings before initiating workflows.

- **Flow Manager**: Captures workflow details and uses AI to generate initial nodes and parameters.

- **Workflow Editor**: Provides a comprehensive interface with parameter lists, skill group mapping, and network graph visualization.

- **Skill Manager**: Dynamically manages skill groups and maps them to caseworkers.

- **Table Design**: Structured database for workflows, nodes, conditions, parameters, and skill groups.

- **Implementation Steps**: Guides users through workflow creation, AI generation, and skill group selection.

Key Capabilities

AI-Driven Workflow Generation

- **Smart Initialization**: Generates workflows with minimal input.

- **Automated Structure**: Creates groups, parameters, conditions, and steps instantly.

- **Adaptive Learning**: Improves over time with incremental data inputs.

- **Efficiency Boost**: Reduces workflow creation time significantly.

AI Discovery Phase

- Learns from existing rules and conditions using machine learning.

- Engages users in proactive chats to refine workflow requirements.

- **Example**: Determines whether to proceed with low-code or no-code approaches.

Skill Group Management

o **Dynamic Mapping**: Simplifies skill assignments and role-based workflow distribution.

o **Scalability**: Ensures high-performance, database-driven skill management.

Enhanced Flexibility & Performance

o **Scalability**: Supports complex workflows and large datasets effortlessly.

o **Real-Time Visualization**: Uses network graphs for an interactive and intuitive experience.

Benefits

o **User-Friendly**: Intuitive workflow creation and modification.

o **Real-Time Visualization**: AI-powered network graph provides instant insights.

o **Flexibility**: Supports various node types and complex conditions.

o **Scalability**: Adapts to growing business needs and evolving workflows.

o **Enhanced Efficiency**: Reduces manual effort, automates repetitive tasks, and minimizes errors.

o **Better Skill Management**: Optimized assignment of skill groups for improved execution.

Why Persistent?

With deep expertise in AI, automation, and low-code platforms like Appian, Persistent helps enterprises unlock the full potential of Intelligent Automation. AutoForge is another step towards seamless, AI-powered, and dynamic workflow creation that transforms business operations.

Contact us today to explore how AutoForge can revolutionize your workflows.

Contact Us

About Persistent

Persistent Systems (BSE & NSE: PERSISTENT) is a global services and solutions company delivering Digital Engineering and Enterprise Modernization to businesses across industries. With over 23,900 employees located in 19 countries, the Company is committed to innovation and client success. Persistent offers a comprehensive suite of services, including AI-enabled software engineering, product development, data and analytics, CX transformation, cloud computing, and intelligent automation. The Company is part of the MSCI India Index and is included in key indices of the National Stock Exchange of India, including the Nifty Midcap 50, Nifty IT, and Nifty MidCap Liquid 15 as well as several on the BSE such as the S&P BSE 100 and S&P BSE SENSEX Next 50. Persistent is also a constituent of the Dow Jones Sustainability World Index. The Company has achieved carbon neutrality, reinforcing its commitment to sustainability and responsible business practices. As a participant of the United Nations Global Compact, Persistent is committed to aligning strategies and operations with universal principles on human rights, labor, environment, and anti-corruption, as well as take actions that advance societal goals. With 327% growth in brand value since 2020, Persistent is the fastest-growing IT services brand in the 2024 Brand Finance India 100 Report.

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